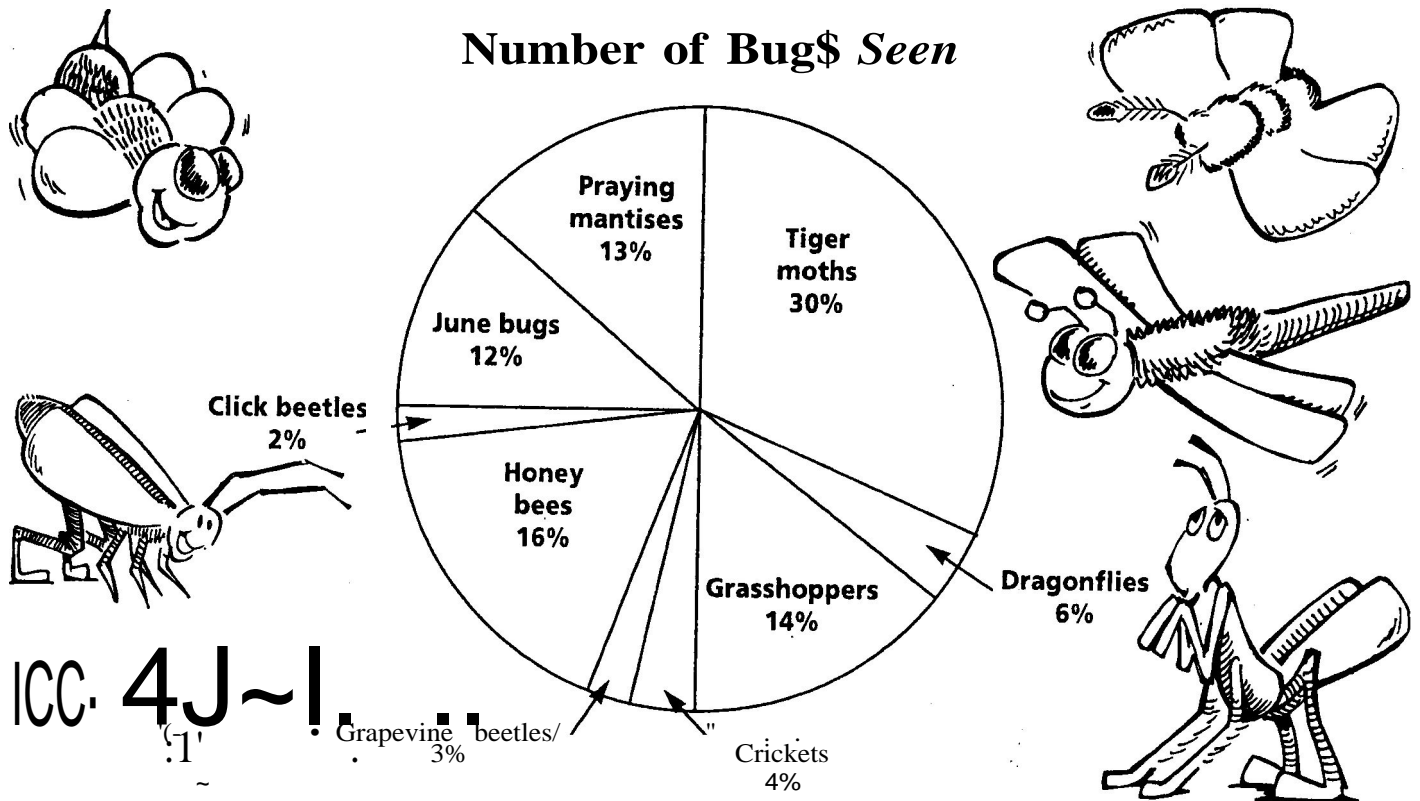


Name \_\_\_\_\_

# Bugged

Solving problems using a circle graph

Joe lives in a hot, wet climate. He is sure that hundreds of bugs also live there. So he decided to count them over a 12-hour period from 9 a.m. to 9 p.m. By the time his experiment ended, he had counted 660 insects. This circle graph shows his findings.



Use the circle graph to answer the questions. Round all decimal answers to the nearest whole number.

- Q.** How many of the insects Joe saw were tiger moths? \_\_\_\_\_
- Q.** How many of the insects Joe saw were not tiger moths? \_\_\_\_\_
- Q.** June bugs, click beetles, and grapevine beetles are all types of beetles. How many beetles did Joe see in all? \_\_\_\_\_
- D.** Of all the insects Joe saw, how many were honeybees? \_\_\_\_\_
- E.** Some insects are green, which helps them to hide in plants. If the only green insects on this circle graph are praying mantises and grasshoppers, how many insects did he see that are not green? \_\_\_\_\_
- F.** Praying mantises and dragonflies eat other insects. How many praying mantises and dragonflies did he see altogether? \_\_\_\_\_
- G.** Joe is afraid of honeybees because they sting. What percentage of the insects he saw are not honeybees? \_\_\_\_\_